

IN THE CLAIMS

Please amend claims 6-9 as follows:

1. (Previously Presented) An optical disc recording apparatus, comprising:
a light irradiator that irradiates a laser light onto an optical disc having a discoloration layer;
a position controller that controls an irradiating position of the laser light;
a laser power controller that controls a laser power of the laser light in accordance with input image data;
a temperature detector that detects a temperature of the optical disc; and
a laser power corrector that corrects laser power for discoloration in the discoloration layer by the laser light in accordance with the detected temperature in order to cancel a change in a temperature of the optical disc.
2. (Canceled)
3. (Original) An optical disc recording apparatus, comprising:
a light irradiator that irradiates a laser light onto an optical disc having a discoloration layer;
a position controller that controls an irradiating position of the laser light;
a laser power controller that controls a laser power of the laser light in accordance with input image data;
a light receiver that receives a reflected light of the laser light reflected by the optical disc and outputs a light receiving signal representing a light receiving level; and
a laser power corrector that corrects laser power to maintain a changing rate of the light receiving level to be a changing rate with in a range determined in advance when the laser light at a laser power for discolorating the discoloration layer in accordance with the input image data.

4. (Canceled)
5. (Previously Presented) The optical disc recording apparatus according to claim 1, wherein the temperature detected by the temperature detector is compared to a previously input temperature.
6. (Currently Amended) The optical disc recording apparatus according to claim 5, wherein the laser power controller terminates laser power correction when the obtained temperature is equal to [[the]] a stored temperature.
7. (Currently Amended) ~~The optical disc recording apparatus according to claim 5~~ An optical disc recording apparatus, comprising:
 - a light irradiator that irradiates a laser light onto an optical disc having a discoloration layer;
 - a position controller that controls an irradiating position of the laser light;
 - a laser power controller that controls a laser power of the laser light in accordance with input image data;
 - a temperature detector that detects a temperature of the optical disc; and
 - a laser power corrector that corrects laser power for discoloration in the discoloration layer by the laser light in accordance with the detected temperature in order to cancel a change in a temperature of the optical disc, wherein the laser power controller calculates a laser power correction amount based on the detected temperature and a previously input temperature.
8. (Currently Amended) The optical disc recording apparatus according to claim 1, wherein a linear velocity of the optical disc is calculated based on [[the]] a position of a diameter direction of a laser light irradiating position.
9. (Currently Amended) The optical disc recording apparatus according to claim 1,

wherein a linear velocity of the optical disc is controlled based on [[the]] a changing rate of
[[the]] a light receiving level.

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